U.S. Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it displays a valid OMB control number. Attorney Docket No. | M4065.0929/P929 UTILITY Mayur Joshi First Inventor PATENT APPLICATION **CONVERTING DIGITAL SIGNALS TRANSMITTAL** Title (Only for new nonprovisional applications under 37 CFR 1.53(b)) Express Mail Label No. MS Patent Application APPLICATION ELEMENTS Commissioner for Patents ADDRESS TO: P.O. Box 1450 See MPEP chapter 600 concerning utility patent application contents. Alexandria, VA 22313-1450 Fee Transmittal Form (e.g., PTO/SB/17) CD-ROM or CD-R in duplicate, large table or Submit an original, and a duplicate for fee processing) Computer Program (Appendix) Applicant claims small entity status. Nucleotide and/or Amino Acid Sequence Submission 8 (if applicable, all necessary) See 37 CFR 1.27. Specification [Total Pages 26 Computer Readable Form (CRF) 3. Х a. (preferred arrangement set forth below) Specification Sequence Listing on: Descriptive title of the invention CD-ROM or CD-R (2 copies); or Paper Cross Reference to Related Applications Statement Regarding Fed sponsored R & D Reference to sequence listing, a table. C. Statements verifying identity of above copies or a computer program listing appendix ACCOMPANYING APPLICATIONS PARTS - Background of the Invention Brief Summary of the Invention Assignment Papers (cover sheet & document(s)) Brief Description of the Drawings (if filed) Detailed Description 37 CFR 3.73(b) Statement Power of - Claim(s)
- Abstract of the Disclosure 10. (when there is an assignee) Attorney [Total Sheets English Translation Document (if applicable) 4. X Drawing(s) (35 U.S.C. 113) 6 11. Information Disclosure Copies of IDS 12. 5. Oath or Declaration [Total Sheets Statement (IDS)/PTO-1449 Citations 13. a. X Newly executed (original or copy) Preliminary Amendment Copy from a prior application (37 CFR 1.63(d)) (for continuation/divisional with Box 18 completed) Return Receipt Postcard (MPEP 503) 14. x (Should be specifically itemized) Certified Copy of Priority Document(s) 15. <u>DELETION OF INVENTOR(S)</u> Signed statement attached deleting (if foreign priority is claimed) Nonpublication Request under 35 U.S.C. 122 (b)(2)(B)(i). inventor(s) named in the prior application, see 37 CFR 1.63(d)(2) and 1.33(b). 16. Applicant must attach form PTO/SB/35 or its equivalent. 17. Other: Application Data Sheet. See 37 CFR 1.76 18. If a CONTINUING APPLICATION, check appropriate box, and supply the requisite information below and in the first sentence of the specification following the title, or in an Application Data Sheet under 37 CFR 1.76: Continuation-in-part (CIP) of prior application No.: Continuation Divisional Prior application information: Examiner For CONTINUATION or DIVISIONAL APPS only: The entire disclosure of the prior application, from which an oath or declaration is supplied under Box 5b, is considered a part of the disclosure of the accompanying continuation or divisional application and is hereby incorporated by reference. The incorporation can only be relied upon when a portion has been inadvertently omitted from the submitted application parts. 19. CORRESPONDENCE ADDRESS 24998 Correspondence address below Customer Number or Bar Code Label Х DICKSTEIN SHAPIRO MORIN & OSHINSKY LLP Name Thomas J. D'Amico 2101 L Street NW Address Zip Code 20037-1526 City Washington State DC US Telephone (202) 785-9700 (202) 887-0689 Country Thomas J. D'Amico Registration No. (Attorney/Agent) 28,371 Name (Print/Type) July 24, 2003 Signature THRONSON #33,082

7,7,7



PTO/SB/17 (05-03)

Approved for use through 04/30/2003. OMB 0651-0032

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CCC TO ANGMITT AL			Complete if Known						
FEE TRANSMITTAL		Application Number T				TBD			
for FY 2003	Filing Date					July 24, 2003			
Effective 01/01/2003, Patent fees are subject to annual revision.	First Named Inventor				ntor	Mayur Joshi			
- Chestre Chestres of Calabia and Calabia and Calabia.		Exam	iner Na	ame		Not Yet Assigned			
Applicant claims small entity status. See 37 CFR 1.27		Art Unit				N/A			
TOTAL AMOUNT OF PAYMENT (\$) 3,490.00		Attom	ey Do	cket No	D.	M4065.0	929/P929		
METHOD OF PAYMENT (check all that apply)				FEE	CALCUL	ATION (co	ontinued)		
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Deposit	Large	Entity	Small	Entity	_				
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Deposit Account Dickstein Shapiro Morin &	1051	130	2051	65	Surcharge	– late filing fe	ee or oath		
Name Oshinsky LLP The Director is hereby authorized to: (check all that apply)	1052	50	2052	25	Surcharge sheet.	– late provisi	onal filing fee or cover		
Charge fee(s) indicated below X Credit any overpayments	1053	130	1053	130		h specificatio	ın	\vdash	
Charge any additional fee(s) during the pendency of this application	1812	2,520	1812	2,520	-	•	parte reexamination		
Charge fee(s) indicated below, except for the filling fee	1804	920*	1804	920*	Requesting Examiner a		of SIR prior to		
to the above-identified deposit account.	1805	1,840*	1805	1,840*	B	uesting publication of SIR after			
FEE CALCULATION	1251	110	2251	55		or reply withi	n first month		
1. BASIC FILING FEE	1252	410	2252	205	Extension f	or reply withi	n second month		
Large Entity Small Entity	1253	930	2253	465	Extension f	or reply withi	n third month		
Fee Fee Fee Fee Fee Fee Description Fee Paid Code (\$) Code (\$)	1254	1,450	2254	725	Extension f	or reply withi	n fourth month		
1001 750 2001 375 Utility filing fee 750.00	1255	1,970	2255	985	Extension f	or reply withi	n fifth month		
1002 330 2002 165 Design filing fee	1401	320	2401	160	Notice of A	ppeal			
1003 520 2003 260 Plant filing fee	1402	320	2402	160	Filing a brie	ef in support o	of an appeal		
1004 750 2004 375 Reissue filing fee	1403	280	2403	140	Request for	r oral hearing			
1005 160 2005 80 Provisional filing fee	1451	1,510	1451			•	olic use proceeding		
SUBTOTAL (1) (\$) 750.00	1452 1453	110 1,300	2452 2453	55 650		evive – unav			
2 EVERA CLAIM FEES FOR HELLEY AND DEISCHE	1501	1,300	2501	650 650		Petition to revive - unintentional			
2. EXTRA CLAIM FEES FOR UTILITY AND REISSUE Extra Fee from	1502	470	2502	235	•	Jtility issue fee (or reissue) Design issue fee			
Claims below Fee Paid Total Claims 58 -20** = 38 x 18.00 = 684.00	1502	630	2503		Plant issue				
Independent	1460	130	1460	130		the Commis	sioner		
Claims — — — — — — — — — — — — — — — — — — —	1807	50	1807	50					
Multiple Dependent = =	1806	180	1806				CFR 1.17(q)	<u> </u>	
Large Entity Small Entity Fee Fee Fee Fee Fee				180			on Disclosure Stmt issignment per		
Code (\$) Code (\$)	8021	40	8021	40	property (tir	nes number	of properties)	40.00	
1202 18 2202 9 Claims in excess of 20 1201 84 2201 42 Independent claims in excess of 3	1809	750	2809	375	Filing a sub (37 CFR 1.		final rejection		
1203 280 2203 140 Multiple dependent claim, if not paid	1810	750	2810	375		dditional inver 37CFR 1,129			
1204 84 2204 42 ** Reissue independent claims over original patent	1801	750	2801	375	Request for	Continued E	examination (RCE)		
1205 18 2205 9 ** Reissue claims in excess of 20	1802	900	1802	900	Request for of a design	r expedited ex application	xamination		
and over original patent	Other	ree (spec	ify)						
SUBTOTAL (2) (\$) 2,700.00	*Redu	ced by E	Basic Fil	ing Fee	Paid	SUBTO	TAL (3) (\$)	40.00	
**or number previously paid, if greater; For Reissues, see above									
SUBMITTED BY						Complete ((if applicable)		
Name (Print/Type) Thomas J. D'Amico		ation No y/Agent)	28	,371		Telephone	(202) 828-2232		
Signature MA				_	Date	July 24, 2003			
MARK THRONSON #33,082									

Docket No.: M4065.0929/P929 (PATENT)

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re Patent Application of:

Mayur Joshi

Application No.: Not Yet Assigned Group Art Unit: N/A

Filed: Concurrently Herewith Examiner: Not Yet Assigned

For: CONVERTING DIGITAL SIGNALS

POWER OF ATTORNEY BY ASSIGNEE AND CERTIFICATE BY ASSIGNEE UNDER 37 CFR § 3.73(B)

Commissioner for Patents P.O. Box 1450 Alexandria, VA 22313-1450

Dear Sir:

Micron Technology, Inc., Assignee of the entire right, title and interest in the above-identified application by virtue of the Assignment attached hereto (which is also being submitted concurrently for recordation), hereby appoints the attorneys and agents of the firm of Dickstein Shapiro Morin & Oshinsky LLP located at 2101 L Street NW, Washington, DC 20037-1526, listed as follows:

Gary M. Hoffman	26,411	Jon D. Grossman	32,699	Michael J. Scheer	34,425
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Donald A. Gregory	28,954	Arthur M. Lieberman	20,042	Ellen S. Tao	43,383
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Mark J. Thronson	33,082	Peter McGee	35,947	Michael A. Weinstein	53,574
Eric Oliver	35,307	Edward A. Meilman	24,735	Steven I. Weisburd	27,409
Laurence E. Fisher	37,131	Charles E. Miller	24,576	Peter Zura	48,196
Deanna Allen	46,516	Christopher A. Monsey	53,342	Jeremy A. Cubert	40,399
Ian R. Blum	42,336	Keith D. Nowak	27,367	Gianni Minutoli	41,198
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Application No.: Not Yet Assigned Docket No.: M4065.0929/P929

Ryan H. Flax	48,141	Joseph W. Ragusa	38,586	Peter A. Veytsman	45,920
Hua Gao	40,414	Steven S. Rubin	43,063	Christopher S. Chow	46,493

and also, listed as follows:

Charles B. Brantley, III	38,086	Kevin D. Martin	37,882	Russ Slifer	39,838
Michael I. Lynch	30.871	David I Paul	34 692		

attorneys of Micron Technology, Inc. as its attorneys with full power of substitution to prosecute this application and to transact all business in the Patent and Trademark Office in connection therewith.

The Assignee certifies that the above-identified assignment has been reviewed and to the best of the Assignee's knowledge and belief, title is in the assignee.

Please direct all correspondence regarding this application to the following:

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Respectfully submitted,

MICRON TECHNOLOGY, INC.

Michael L. Lynch Chief Patent Counsel Registration No. 30,871

Dated: 9-17-09